

Converting Colors

YUV(17.5990, 1.6767, 22.2767)

Have a look what the booklet for
YUV(17.5990, 1.6767, 22.2767)
contains.

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Color

**YUV(17.5990, 1.6767,
22.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0415
RGB	43, 4, 21
RGB Percent	17%, 2%, 8%
CMY	0.8314, 0.9843, 0.9176
CMYK	0.00, 0.91, 0.51, 0.83
HSL	334°, 83%, 9%
HSV	334°, 91%, 17%
XYZ	1.1750, 0.6546, 0.7739
YIQ	17.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

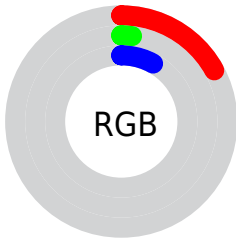
Format	Color
R_{YB}	43, 4, 21
Decimal	2819093
CIE Lab	5.91, 21.16, -0.87
CIE LCh	6, 21.180, 357.633
Yxy	0.6546, 0.4513, 0.2514
Android (android.graphics.Color)	4281009173 (0xFF2B0415)
YUV	17.5990, 1.6767, 22.2767
Hunter-Lab	8.0905, 11.7662, -0.0079

Details

The YUV color **17.5990, 1.6767, 22.2767** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.4010, -1.6767, -22.2767**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.5670, 0.2135, 24.9357**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.0230, 1.9607, 24.5358**, and if you desaturate by 10%, it is **20.1750, 1.3927, 20.0175**.

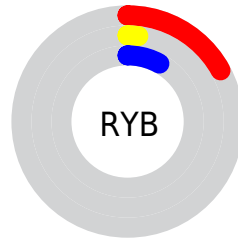
Distribution



Red (17%)

Green (2%)

Blue (8%)



Red (17%)

Yellow (2%)

Blue (8%)

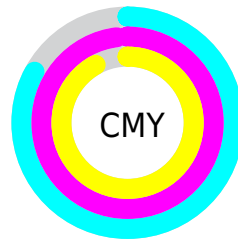


Cyan (0%)

Magenta (91%)

Yellow (51%)

Black (83%)



Cyan (83%)

Magenta (98%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.5990, 1.6767, 22.2767 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 17.5990, 1.6767, 22.2767 by changing the saturation by 10% instead.

■ 17.5990, 1.6767,
22.2767

■ 17.5990, 1.6767,
22.2767

■ 238.7120, 3.5930,
14.2846

■ 2.6910, -1.3267,
5.5330

■ 62.5670, 0.2135,
24.9357

■ 0.0000, 0.0000,
0.0000

■ 86.7520, -0.3707,
25.6505


■ 111.4640, -0.2288,
26.7801

■ 137.0620, -0.5236,
28.0096

■ 163.6600, -0.8184,
29.2392

■ 190.3720, -0.6764,


30.3688

 218.6710, -0.8238,
30.9835

 17.5990, 1.6767,
22.2767


 17.5990, 1.6767,
22.2767

 15.0230, 1.9607,
24.5358

 20.1750, 1.3927,
20.0175

 23.4520, 1.2562,
17.1436

 26.0280, 0.9722,
14.8844

 28.7180, 1.1250,
12.5253

 31.2940, 0.8411,
10.2662

■ 34.5710, 0.7045,
7.3922

■ 37.1470, 0.4205,
5.1331

■ 39.7230, 0.1366,
2.8739

■ 43.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.0370, 7.3768, 13.9996



17.5990, 1.6767, 22.2767



16.0910, -7.9329, 24.4762

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.5990, 1.6767, 22.2767



15.8930, -7.8352, -6.9222



19.5770, 11.5475, -17.1690

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



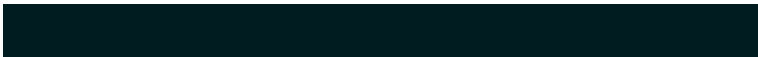
17.5990, 1.6767, 22.2767



29.4010, -1.6767, -22.2767

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.0840, 5.8746, -17.6137



17.5990, 1.6767, 22.2767



15.2620, -7.5242, -13.3848

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.5990, 1.6767, 22.2767



18.6390, -9.1890, 7.3326



18.3740, -0.6774, -16.1140



17.6850, 14.4523, -15.5097

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.5990, 1.6767, 22.2767



17.2430, -8.5008, 19.9579



18.3740, -0.6774, -16.1140



19.8220, 9.9478, -17.3839

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.5990, 1.6767, 22.2767



46.2830, 0.8465, 8.5218



14.7250, 13.9396, 9.0112



22.1470, 0.4205, 5.1331



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.5990, 1.6767, 22.2767



19.4800, 2.2284, 32.0280



16.8350, -6.3277, 22.9467



18.7120, 0.1420, 1.1296



29.3340, 3.7793, 47.9421



73.8760, 8.9351, 121.1347

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.5990, 1.6767, 22.2767



19.4800, 2.2284, 32.0280



30.1650, 6.3277, -22.9467



18.7120, 0.1420, 1.1296



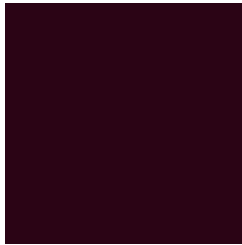
29.3340, 3.7793, 47.9421



73.8760, 8.9351, 121.1347

Previews

White Background



This preview shows how the YUV color 17.5990, 1.6767, 22.2767 looks on a white background.

Color Contrast Check

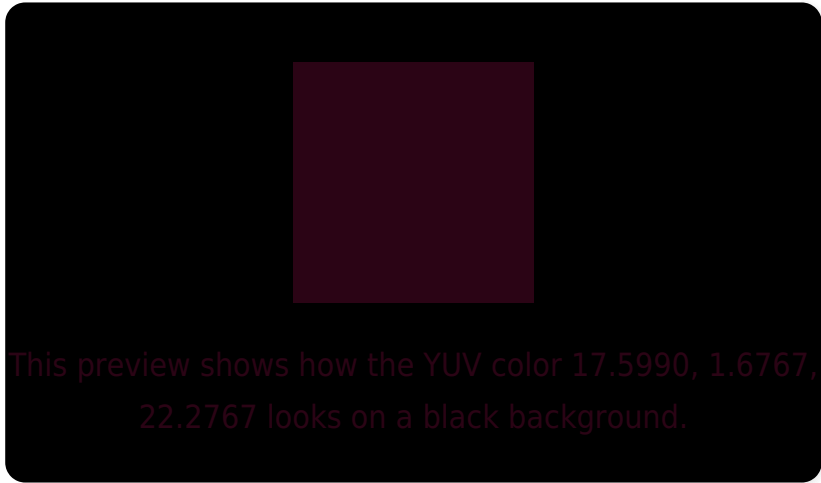
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

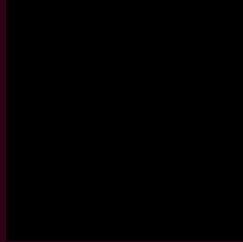
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 17.5990, 1.6767, 22.2767

Background



This preview shows how black text looks on a background with the YUV color 17.5990, 1.6767, 22.2767.



This preview shows how white text looks on a background with the YUV color 17.5990, 1.6767,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.5990, 1.6767, 22.2767

Protanopia

22.3140, 3.7892, -2.0294

Deuteranopia

22.8540, -1.9000, 2.7590



Tritanopia

18.8670, -4.8644, 20.2876

Trichromacy



Original Color

17.5990, 1.6767, 22.2767

Protanomaly

20.2550, 3.3253, 6.7924

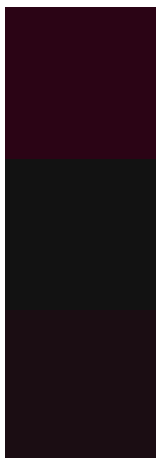
Deuteranomaly

20.6530, -0.3219, 9.9513

Tritanomaly

18.1490, -2.5385, 20.9173

Monochromacy



Original Color

17.5990, 1.6767, 22.2767

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.5990, 1.6767, 22.2767 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(43, 4, 21)` looks like.

```
.text, #text, p{  
    color:rgb(43, 4, 21)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(43, 4, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 4, 21) }
```

Border

The CSS property to change the border of an element to YUV 17.5990, 1.6767, 22.2767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 4, 21) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(43, 4, 21) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(43, 4, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 4, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 4, 21); box-shadow:4px  
4px 4px 4px rgb(43, 4, 21) }
```

Background

The CSS property to change the background color of an element to YUV 17.5990, 1.6767, 22.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 4, 21) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(43, 4,  
21) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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